

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube ☐</td> <td style="width:15%;">Crosstube ☐</td> <td style="width:15%;">Water Jet ☐</td> <td style="width:15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Work Order ID 116198

Tuesday, April 08, 2014 10:50:26 AM

116198

Page 2

Item ID: D412-711-021

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Vertical Reference Door Modification LH

Start Date: 4/8/2014 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 4/21/2014 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150		0.00				DAS			
150						06			
Packaging	Memo	0.00				9-89			
Packaging	Identify and pack for shipping as per PPP D412-711-021								
	Location: _____								
	PPP rev: _____								
160	QC21- Final Inspection - Work Order Release	0.00							
160									
QC	Memo	0.00							
Quality Control									

MLJ 14-05-02

MF
14-5-02

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Picklist Print

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Page 1

Work Order ID: 116198

116198

Parent Item: D412-711-021

D412-711-021

Parent Item Name: Vertical Reference Door Modification LH

Start Date: 4/8/2014

Required Date: 4/21/2014

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 11.04.07 new issue DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D412-761-043 *D412-761-043* Latch Mechanism		Manufactured	No			120	Each	2.0000	1	1			DAS 06 9-89
	DAS 31 9-89			<u>Location</u> FG030 110320				<u>Loc Qty</u> 2 2					
D412-711-101 *D412-711-101* Replacement Vertical Reference Window		Manufactured	No			120	Each	2.0000	1	1			DAS 06 9-89
	DAS 31 9-89			<u>Location</u> FG090 113530 113740				<u>Loc Qty</u> 2 1 1					
D3802-1-120 *D3802-1-120* Window Seal - 120"		Manufactured	No			120	Each	0.0000	1	1			DAS 06 9-89
	DAS 31 9-89												
D4165-1 *D4165-1* Doubler		Manufactured	No			120	Each	2.0000	1	1			
				<u>Location</u> ST206 106396				<u>Loc Qty</u> 2 2					
	DAS 31 9-89												

10

109583

116041

116623

115110

14-04-23

13-03-09

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Equip/Tooling									
Handling/Pre									
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Training									
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FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence
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Work Order ID: 116198

116198

Parent Item: D412-711-021

D412-711-021

Parent Item Name: Vertical Reference Door Modification LH

Start Date: 4/8/2014

Required Date: 4/21/2014

Start Qty: 1.00

Required Qty: 1.00

D4165-3 Manufactured No

120 Each 5.0000

1 1

D4165-3

Inner Door Panel

**

DAS
31
9-89

Location

Loc Qty

Loc Code

ST205

3

106408

3

ST206

2

109159

2

D4165-5

Manufactured No

120 Each 5.0000

1 1

D4165-5

Aft Rib

**

DAS
31
9-89

Location

Loc Qty

Loc Code

ST206

5

106421

2

109160

3

D4165-7

Manufactured No

120 Each 2.0000

1 1

D4165-7

Fwd Rib

**

DAS
31
9-89

Location

Loc Qty

Loc Code

ST206

2

106373

2

D4165-9

Manufactured No

120 Each 1.0000

1 1

D4165-9

Angle

**

DAS
31
9-89

Location

Loc Qty

Loc Code

ST206

1

109570

1

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FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence
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Picklist Print

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Work Order ID: 116198

116198

Parent Item: D412-711-021

D412-711-021

Parent Item Name: Vertical Reference Door Modification LH

Start Date: 4/8/2014

Required Date: 4/21/2014

Start Qty: 1.00

Required Qty: 1.00

D4165-11
D4165-11
Door Cover Panel

Manufactured No

120

Each

8.0000

1 1
**

DAS
33
9-89

9-89

DAS
31
9-89

Location

Loc Qty

Loc Code

ST206

8

106344

8

D4207-1
D4207-1
Window Retainer

Manufactured No

120

Each

1.0000

1 1
**

106344

113765

DAS
33
9-89

DAS
31
9-89

Location

Loc Qty

Loc Code

ST206

1

106392

1

D4207-3
D4207-3
Instrument Window

Manufactured No

120

Each

4.0000

1 1
**

114411

DAS
32
9-89

DAS
31
9-89

Location

Loc Qty

Loc Code

ST206

4

101815

2

106327

2

D4269-1
D4269-1
Angle

Manufactured No

120

Each

8.0000

1 1
**

DAS
33
9-89

14-0423

DAS
31
9-89

Location

Loc Qty

Loc Code

ST098

8

113505

4

114199

4

114199

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Work Order ID: 116198

116198

Parent Item: D412-711-021

D412-711-021

Parent Item Name: Vertical Reference Door Modification LH

Start Date: 4/8/2014

Required Date: 4/21/2014

Start Qty: 1.00

Required Qty: 1.00

D4269-3 Manufactured No

120 Each 5.0000 1

D4269-3

Angle

**

B 116618 SP

Location

Loc Qty

Loc Code

ST098

5

109569

5

D4269-5 Manufactured No

120 Each 4.0000 1

D4269-5

Angle

**

Location

Loc Qty

Loc Code

ST206

4

113504

4

D4269-7 Manufactured No

120 Each 0.0000 1

D4269-7

Angle

**

113504

B 116621 SP

D4324-041 Manufactured No

120 Each 3.0000 1

D4324-041

Armrest Assembly

**

Location

Loc Qty

Loc Code

ST103

3

113507

2

84221

1

D4324-043 Manufactured No

120 Each 1.0000 1

D4324-043

Arm Support Assembly

**

14-4-23

Location

Loc Qty

Loc Code

ST103

1

113506 DAS

1

06

9-89

D4324-041 x 1 B 117562

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Work Order ID: 116198

116198

Parent Item: D412-711-021

D412-711-021

Parent Item Name: Vertical Reference Door Modification LH

Start Date: 4/8/2014

Required Date: 4/21/2014

Start Qty: 1.00

Required Qty: 1.00

D4327-1

Manufactured No

120

Each

1.0000

1

D4327-1

Angle

**

113726

DAS
33
9-89

DAS
31
9-89

Location

Loc Qty

Loc Code

ST206

1

79133

1

D4327-3

Manufactured No

120

Each

4.0000

1

D4327-3

Angle

**

114318

DAS
33
9-89

DAS
31
9-89

Location

Loc Qty

Loc Code

ST204A

4

113509

4

D4385-1

Manufactured No

120

Each

6.0000

2

D4385-1

Placard

**

116641

Location

Loc Qty

Loc Code

ST104

6

106367

4

84641

2

AN3-3A

Purchased No

120

Each

429.0000

22

AN3-3A

Bolt

**

14-04-23

DAS
33
9-89

DAS
31
9-89

Location

Loc Qty

Loc Code

ST350

429

m126249

1

m127815

178

m128429

250

127815

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
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Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Page 6

Work Order ID: 116198

116198

Parent Item: D412-711-021

D412-711-021

Parent Item Name: Vertical Reference Door Modification LH

Start Date: 4/8/2014

Required Date: 4/21/2014

Start Qty: 1.00

Required Qty: 1.00

AN3-4A

Purchased

No

120

Each

510.0000

20

20

AN3-4A

Bolt

**

DAS
33
9-89

DAS
31
9-89

Location

Loc Qty

Loc Code

ST350

462

m128429

100

m128634

62

m128739

300

ST511

48

m127044

48

128739

AN3-6A

Purchased

No

120

Each

369.0000

26

26

AN3-6A

Bolt

**

DAS
33
9-89

DAS
31
9-89

Location

Loc Qty

Loc Code

ST351

365

M128403

215

M128739

150

ST511

4

M127044

4

128403

AN3-12A

Purchased

No

120

Each

112.0000

1

1

AN3-12A

Bolt

**

DAS
33
9-89

1404-23

DAS
31
9-89

Location

Loc Qty

Loc Code

ST351

88

m128398

38

m128687

50

ST511

24

m125709

24

128687

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

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Work Order ID: 116198

116198

Parent Item: D412-711-021

D412-711-021

Parent Item Name: Vertical Reference Door Modification LH

Start Date: 4/8/2014

Required Date: 4/21/2014

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0332P

Purchased

No

120

Each

7,206.000

92

92

NAS1149F0332P

Washer

**

DAS
33
9-89

Location

Loc Qty

Loc Code

GA	205	
122063	205	
ST295	2558	
123900	12	
m123185	46	
m128401	2500	
ST510a	4397	
125646	1897	
m127831	2500	
ST522	46	
m123185	46	

DAS
31
9-89

125646

CR3242-4-2

Purchased

No

120

Each

152.0000

34

34

CR3242-4-2

RIVET

**

DAS
33
9-89

Location

Loc Qty

Loc Code

ST329	152	
117423	52	
m127304	100	

DAS
31
9-89

128936

MS20426AD3-3

Purchased

No

120

Each

7,568.000

135

135

MS20426AD3-3

RIVET

**

DAS
33
9-89

Location

Loc Qty

Loc Code

ST334	1162	
123352	1162	
ST553	6406	
M128754	6406	

DAS
31
9-89

128754

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Work Order ID: 116198

116198

Parent Item: D412-711-021

D412-711-021

Parent Item Name: Vertical Reference Door Modification LH

Start Date: 4/8/2014

Required Date: 4/21/2014

Start Qty: 1.00

Required Qty: 1.00

MS20426AD4-3

Purchased

No

120

Each

4,807.000

140

140

~~*MS20426AD4-3*~~

Rivet

**

DAS

32

9-89

DAS

31

9-89

44

Location

Loc Qty

Loc Code

GA

1807

113064

1807

ST334

3000

m125807

3000

113064

MS20470AD3-3

Purchased

No

120

Each

7,076.000

25

25

~~*MS20470AD3-3*~~

RIVET, UNIVERSAL HEAD

**

DAS

32

9-89

DAS

31

9-89

Location

Loc Qty

Loc Code

GA

697

1065

697

ST335

6379

16941

6379

16941

MS20470AD4-3

Purchased

No

120

Each

5,399.000

90

90

~~*MS20470AD4-3*~~

Rivet - Universal Head

**

DAS

32

9-89

DAS

31

9-89

Location

Loc Qty

Loc Code

GA

1516

1642

73

2193

1443

ST335

3883

2193

3883

2193

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Work Order ID: 116198

116198

Parent Item: D412-711-021

D412-711-021

Parent Item Name: Vertical Reference Door Modification LH

Start Date: 4/8/2014

Required Date: 4/21/2014

Start Qty: 1.00

Required Qty: 1.00

MS21042L3

Purchased

No

120

Each

8,950.000

24

24

MS21042L3

Nut

DAS
31
9-89

Location

Loc Qty

Loc Code

ST314

1995

M127410

954

M127831

41

M128401

1000

ST506

955

123900

955

ST509

6000

M128754

6000

MS21059L3

Purchased

No

120

Each

342.0000

4

4

MS21059L3

Nut Plate

DAS
31
9-89

Location

Loc Qty

Loc Code

ST315

336

114449

4

114456

12

M127916

20

M128300

200

M128635

100

ST316

6

M127743

6

MS21069L3

Purchased

No

120

Each

130.0000

34

34

MS21069L3

ANCHOR NUT

DAS
31
9-89

Location

Loc Qty

Loc Code

ST317

130

m127813

2

m128429

28

m128650

100

m128650 25

DAS
32
9-89

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

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Page 10

Work Order ID: 116198

116198

Parent Item: D412-711-021

D412-711-021

Parent Item Name: Vertical Reference Door Modification LH

Start Date: 4/8/2014

Required Date: 4/21/2014

Start Qty: 1.00

Required Qty: 1.00

MS21069L08

Purchased No

120 Each

1,867.000

8 8

DAS
32
9-89

MS21069L08
ANCHOR NUT

DAS
31
9-89

Location

Loc Qty

Loc Code

ST317

1867

123522

1867

242.0000

3 3

DAS
32
9-89

MS21071L3

Purchased No

120 Each

MS21071L3
ANCHOR NUT

DAS
31
9-89

Location

Loc Qty

Loc Code

ST317

242

114348

50

123185

8

123301

34

124291

50

125654

100

257.0000

1 1

DAS
32
9-89

MS21071L08

Purchased No

120 Each

MS21071L08
ANCHOR NUT

DAS
31
9-89

Location

Loc Qty

Loc Code

ST318

257

102587

157

103447

100

102587

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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